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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 11

Complete if Known

Application Number	10/710,567
Filing Date	July 21, 2004
First Named Inventor	Peter Saunders
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	60655.6700

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind ⁵ (if known)				
		CH	CH689070		08/31/1998	Peter Bresch		
		EP	0 358 525	A2	03/14/1990	W&T Avery Limited		
		EP	0 424 726	A1	10/10/1990	Angewandte Digital Elec.		
		PCT	WO 99/03057	A1	01/21/1999	Robert E. Dorf		
		EP	EP 0 933 717	A2	08/04/1999	Citicorp Development Center		
		EP	EP 0 956 818	A1	11/17/1999	Citicorp Development Center		
		EP	EP 0 959 440	A2	11/24/1999	Citicorp Development Center		
		JP	2000-1109	A	01/14/2000	Citicorp Development Center		
		JP	2000-015288	A	01/18/2000	Hitachi Plant Eng & Constr		
		JP	2000-40181	A	02/08/2000	Unknown		

Examiner
Signature

/Andrew Joseph Rudy/

Date	
Considered	

08/30/2008

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				First Named Inventor	Peter Saunders
				Art Unit	TBA
				Examiner Name	TBA
Sheet	2	of	11	Attorney Docket Number	60655.6700

U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		US-				
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		Office ³	Number ⁴	Kind ⁵ (if known)				
		PCT	WO 00/10144	A1	02/24/2000	3M Innovative Properties Co.		
		JP	2000-67312	A	03/03/2000	IBM		
		EP	EP 0 984 404	A2	03/08/2000	IBM		
		PCT	WO 00/38088	A1	06/29/2000	John Klayh		
		EP	EP 1 016 947	A2	07/05/2000	Texas Instruments Inc.		
		JP	2000-207641	A	07/28/2000	NCR International Inc.		
		EP	Ep 1 039 403	A2	09/27/2000	Citicorp Development Center		
		JP	2001-5931	A	01/12/2001	Unknown		
		PCT	WO 01/04825	A1	01/18/2001	Intermec IP Corp.		
		PCT	WO 01/15098	A1	03/01/2001	Gamut Interactive		

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		Office ³	Number ⁴	Kind ⁵ (if known)				
		EP	EP 1 104 909	A2	06/06/2001	Smartel S.P.A.		
		PCT	WO 01/43095	A2	06/14/2001	Intermec IP Corp.		
		EP	EP 1 113 387	A2	07/04/2001	Schlumberger Systemes		
		PCT	WO 01/72224	A1	10/04/2001	Wolf Fernlund		
		JP	2001-283122	A	10/12/2001	Dainippon Printing Co., Ltd.		
		PCT	WO 01/77856	A1	10/18/2001	Brightstreet.com, Inc.		
		PCT	WO 01/80473	A2	10/25/2001	Sony Electronics, Inc.		
		PCT	WO 01/86535	A1	11/15/2001	Cadmus Technology Ltd.		
		PCT	WO 01/90962	A1	11/29/2001	Grosvenor Leisure Inc.		
		PCT	WO 01/95243	A2	12/13/2001	Battelle Memorial Institute		

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		Office ³	Number ⁴	Kind ⁵ (if known)				
		PCT	WO 02/01485	A1	01/03/2002	Smartclac Corporation		
		PCT	WO 02/13134	A2	02/14/2002	Medmicrochip LC		
		PCT	WO 02/21903	A1	03/21/2002	Mario White		
		EP	EP 1 199 684	A2	04/24/2002	Marconi Commerce Systems		
		PCT	WO 02/063545	A2	08/15/2002	Sensomatic Electronics Corp		
		PCT	WO 02/065246	A2	08/22/2002	Stockback Holdings, Inc.		
		PCT	WO 02/065404	A2	08/22/2002	Stuart Williams		
		PCT	WO 02/069221	A1	09/06/2002	Frequency Marketing, Inc.		
		PCT	WO 02/073512	A1	09/19/2002	3M Innovative Properties Co.		
		EP	EP 1 251 450	A1	10/23/2002	NCR International Inc.		

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Sheet	5	of	11		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/710,567	
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			Art Unit	TBA	
			Examiner Name	TBA	
			Attorney Docket Number	60655.6700	
Sheet	6	of	11		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"What's New: Timex Watch Features Speedpass System", http://www.speedpass.com/news/article.jsp?id=51 (1 page)	
		"Physical Reality: A Second Look", Ken Sharp, Senior Technical Editor, http://www.idsystems.com/reader/1999_03/phys0399_pt2/phys0399_pt2.htm (6 pages)	
		"'Magic Wands' to Speed Mobile Sales", BobBrewin, Jan. 15, 2001, http://www.computerworld.com/mobiletopics/mobile/story/1,10801,563300.html (4 pages)	
		"Mobile Speedpass Goes Global as Mobil Singapore Rolls Out Asia's First RFID-Based Pay-At-The-Pump System", Press Release, April 5, 1999, http://www.ti.com/tiris/docs/news_releases/rel12.htm (3 pages)	
		"Speedpass Unleashed", June 4, 2002 http://www.cardweb.com/cardtrak/news/cf2_20a_97.html (2 pages)	
		Prophecy Central Update #9, October 10, 1997, http://www.bible-prophecy.com/pcu9.htm (5 pages)	
		International Newsletter of the TI RFID Group, Issue 20, 2000 (12 pages)	
		"CES: Microsoft's SPOT Technology has Humble Origins", by James Niccolai, January 10, 2003, http://archive.inforworld.com/articles/hn/xml/03/01/10/030110hnspt.xml?s=IDGNS (3 pages)	
		"Microsoft: See SPOT Run On Your Wrist", by Richard Shim, June 5, 2003, http://news.com.com/2100-1041_3-1013442.html?tag=fd_top (1 page)	
		"Networking: Microsoft SPOT", by Jeremy A. Kaplan, July 1, 2003, http://www.pcmag.com/print_article/0,3048,a=43561,00.asp (2 pages)	
		"Microsoft Launches Smart Personal Object Technology Initiative", Press Release from COMDEX Fall 2002, November 17, 2002, http://www.Microsoft.com/presspass/features/2002/nov02/11-17SPOT.asp (4 pages)	

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		"Bank Extends RFID Payment Pilot: Bank of America will continue to test its QuickWave RFID payment card for another three months", RFID Journal, 01/23/2003	
		"MasterCard to Test RFID Card: Pilot will test whether consumers, merchants and credit card issuers value "contactless" payments", RFID Journal, 12/20/2002	
		"Vendors Target Amusement Parks: Protecting children and enabling cashless payments make RFID an appealing option for the entertainment industry", RFID Journal, 11/27/2002	
		"Inside's Next-Gen Smart Card: The French company plans to introduce an RFID card that uses a 16-bit microprocessor and new encryption technology", RFID Journal, 10/29/2002	
		"Sony, Philips Creating RFID Link: Consumer electronics giants are jointly developing a new RFID standard for payments and for communication between devices", RFID Journal, 09/17/2002	
		"Japan Gets Digital Ticket System: A national ticket seller and phone company are teaming up to create an electronic ticket", RFID Journal, 08/31/2002	
		"Security for Wireless Java: NTRU, a startup that offers security software, has relased of Java version of its NTRU encryption algorithm", RFID Journal, 06/27/2002	
		"Making RFID Payments Ubiquitous: Philips and Visa want people to be able to pay for goods and services anywhere by using RFID chips embedded in the phones and other devices", RFID Journal, 06/02/20003	
		"RFID Smart Cards Gain Ground: The convenience of contactless transactions is driving widespread adoption of contactless smart cards", RFID Journal, 04/09/2003	
		"TI Embarces Prox Card Standard: Texas Instruments ISO 14443 payment platform promises faster data transfer rates and more security", RFID Journal, 03/06/2003	
		"Multiple Frequency Transponders: Volume production of dual-band RFID chips begins", Frontline Solutions, 07/16/2003	

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		Functional Specification, Standard Card IC MF1 IC S50, Philips Semiconductors, Product Specification Rev. 5.1 May 2001	
		"Biometrics: Speaker Verification", by Kulkarni, et al., http://biometrics.cse.msu.edu/speaker.html , 03/08/2004, 5 pages	
		"Judge Dismisses FTC Suit Against Rambus", Evers, IDG New Service, http://www.infoworld.com/article/04/02/18/HNjudgedismisses_1.html , 02/18/2004, 3 pages	
		"Credit on Your Key Ring, Buy Gas at Mobil, Exxon and Soon Burgers at McDonald's", by Krakow, MSNBC, http://www.msnbc.msn.com/id/3072638 , 02/17/2004, 4 pages	
		"The Evolution of Mobile Payment", by McPherson, Financial Insights, 02/02/04, http://www.banktech.com/story/mews/showArticle/jhtml?articleID=17601432 , 2 pages	
		"RFID Take Priority With Wal-Mart", by DocMemory, http://www.simmtester.com/page/news/shownews.asp?num=6550 , 02/09/2004, 2 pages	
		"Microsoft, IBM and Phillips Test RFID Technology", by Rohde, IDG New Service, http://www.computerweekly.com/Article127889.htm , 02/09/2004, 3 pages	
		"Pay By Touch Press Releases", http://www.paybytouch.com/press.html , 02/10/2004, 3 pages	
		"PowerPay RFID Payment and Marketing Solution Speeds Purchases at Seahawks Stadium with Technology from Texas Instruments", http://www.powerpayit.com/news/Seahawks_pr.html , 02/09/2004, 2 pages	
		"Putting Their Finger on It", by Wilson, http://sanfrancisco.bizjournals.com/sanfrancisco/stories/2003/10/20/story6.html?t=printable , 02/09/2004, 2 pages	
		"TI Embraces Prox Card Standard", by Roberti, 03/06/2003, http://www.ti.com/tiris/docs/in-the-news/2003/3-6-03.shtml , 2 pages	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/710,567	
			Filing Date	July 21, 2004	
			First Named Inventor	Peter Saunders	
			Art Unit	TBA	
			Examiner Name	TBA	
			Attorney Docket Number	60655.6700	
Sheet	9	of	11		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Paying It By Ear", The Guardian, 01/18/2003, http://money.guardian.co.uk/creditanddebt/creditcards/story/0,1456,876908,00.html , 3 pages	
		Pay By Touch - Company, http://www.paybytouch.com/company.html	
		"Identix Inc. - Empowering Identification™ - Understanding Biometrics", http://www.identix.com/newsroom/news_biometrics_face.html , 1 page	
		"International Biometric Group - Signature Biometrics: How It Works", http://www.ibgweb.com/reports/public/reports/signature-scan_tech.html , 02/18/2004, 1 page	
		"International Biometric Group - Voice Recognition Technology: How It Works", http://www.ibgweb.com/reports/public/reports/voice-scan_tech.html , 02/18/2004, 1 page	
		"The Henry Classification System", International Biometric Group, 7 pages	
		"Individual Biometrics - Hand Geometry", http://ctl.ncsc.dni.us/biomet%20web/BMHand.html , 02/18/04, 2 pages	
		"Individual Biometrics - Retinal Scan", http://ctl.ncsc.dni.us/biomet%20web/BMRetinal.html , 2/18/04, 2 pages	
		"Individual Biometrics - Iris Scan", http://ctl.ncsc.dni.us/biomet%20web/BMIris.html , 2/18/04, 2 pages	
		"Individual Biometrics - Vascular Patterns", http://ctl.ncsc.dni.us/biomet%20web/BMVascular.html , 02/18/04, 1 page	
		"Individual Biometrics - Fingerprint", http://ctl.ncsc.dni.us/biomet%20web/BMFingerprint.html , 2/18/04, 3 pages	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Fingerprint Technology - Identix Inc. - Empowering Identification™ - Understanding Biometrics", http://www.identix.com/newsroom/news_biometrics_finger.html , 2/18/04, 1 page	
		"Individual Biometrics - Facial Recognition", http://ctl.ncsc.dni.us/biomet%20web/BMfacial.html , 2/18/04, 2 pages	
		"Fingerprint Analysis - The Basics", http://www.crimtrac.gov.au/fingerprintanalysis.htm , 2/18/04, 3 pages	
		"Visual Speech and Speaker Recognition", by Luetin, 06/30/2000, http://herens.idiap.ch/~luetin/luetin-thesis.bib.abs.html , 1 page	
		"Automatic Ear Recognition by Force Field Transformations", by Hurley, et al., The Institution of Electrical Engineers, 2000, pp. 7/1-7/5	
		"Everything You Need to Know About Biometrics", by Bowman, Identix Croproation, January 2000, 8 pages	
		"How Fingerprint Scanners Work", by Harris, http://computer.howstuffworks.com/fingerprint-scanner.htm/printable , 02/18/04, 6 pages	
		"How Facial Recognition Systems Work", by Bonsor, http://computer.howstuffworks.com/facial-recognition.htm/printable , 2/18/04, 6 pages	
		"Biometrics: Hand Geometry", by Ross, et al., http://biometrics.cse.msu.edu/hand_geometry.html , 2/26/04, 2 pages	
		"Biometric Person Authentication: Odor", by Korotkaya, Department of Information Technology, Laboratory of Applied Mathematics, Lappeenranta University of Technology, 18 pages	
		"ISO Magnetic Stripe Card Standards", http://www.cyberd.co.uk/support/technotes/ioscards.htm , 2/9/04, 4 pages	

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